SYSTEM AND METHOD FOR DHCP CLIENT-ID GENERATION

ABSTRACT OF THE DISCLOSURE

A system and method is provided for a computer network system to allow a device associated with a client-ID to be replaced without requiring the network system to reconfigure the client-ID information. The client-ID configuration information can be associated or tied to a slot or holder for a network device, rather than the network device itself. For example, the client-ID configuration information may be tied to an FRU holder, such as a Compact Peripheral Component Interconnect (CPCI) slot, and not the FRU itself. The client-ID configuration information is managed by a central resource. Accordingly, when the network device is replaced with a new device, the client-ID can be assigned from this central resource. The central resource may be a service processor or an alarm card. The service processor may access a storage device to retrieve the client-ID and transmit it to an FRU. Thus, when the FRU is replaced, this client-ID information is downloaded from the service processor by the new FRU. As a result, the need to reconfigure the client-ID information in the event a network device is replaced can be avoided.